

Title (en)  
VINYL AROMATIC BLOCK COPOLYMERS AND COMPOSITIONS CONTAINING THEM

Title (de)  
VINYLAROMAT-BLOCKCOPOLYMERE UND DIESELBEN ENTHALTENDE ZUSAMMENSETZUNGEN

Title (fr)  
COPOLYMERES SEQUENCES VINyliQUES AROMATIQUES ET COMPOSITIONS LES CONTENANT

Publication  
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Application  
**EP 97903248 A 19970207**

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Abstract (en)  
[origin: WO9729140A1] Block copolymers suitable for hot melt adhesive composition characterised in that they have the general formula (AB)<sub>p</sub>(B<1>)<sub>q</sub>X, wherein A is poly(vinylaromatic) block and B and B<1> are the same or different poly(butadiene) blocks, wherein the 1,2 addition (vinyl) content is in the range of from 25 to 70 % by weight, wherein X is the residue of a multivalent coupling agent having a maximum of active sites (m) in the range of from 3 to 6, wherein p and q both are integers of from 0 to m, provided that the sum of p and q values is less than m and the coupling efficiency is less than 90 %, said block copolymer having an average total vinyl aromatic content in the range of from 10 to 50 wt.% and preferably in the range of from 10 to 30 wt.%, and having a total apparent molecular weight in the range of from 100,000 to 500,000; adhesive, sealant or coating compositions comprising said block copolymers and in particular radiation curable compositions, the use of said compositions, and process for the preparation of said block copolymers.

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